

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

TOMIC, John M. et al.

Serial No. : 09/710,419

Filed: November 9, 2000

M2GLYR DERIVED CHANNEL  
FORMING PEPTIDES

Docket No. 30917

Group Art Unit No. 1646

Examiner: Joseph F. Murphy

10/c  
M.G.J  
12/19/02Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

SUPPLEMENTAL AMENDMENT AND RESPONSE

In response to the office action dated June 17, 2002, reconsideration of the above application is requested.

Claims:

Please cancel claim 41.

Please add the following new claim:

R128 <sup>40</sup>/<sub>42</sub> A method of altering the flux of water across an epithelial cell presenting first and second spaced apart surfaces, said method comprising the steps of:

- a. providing a peptide capable of forming a channel assembly for transport of anions through said epithelial cell, said peptide having the sequence of SEQ ID NO. 18; and
- b. contacting said peptide with said first surface of said epithelial cell, and causing said peptide to alter the flux of water across said cell surface.

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To: Assistant Commissioner for Patents

ATTN: Patent Examiner  
Joseph F. Murphy, Ph.D.

RE: Application for U.S. Letters Patent  
Serial No.: 09/710,419  
Filed: November 9, 2000  
Inventor: TOMICH, John M. et al.  
Title: M2GLYR DERIVED CHANNEL FORMING PEPTIDES  
Docket No. 30917

Telecopy Number: 703/305-3014

CERTIFICATE OF TELEFACSIMILE TRANSMISSION

I hereby certify that this Amendment is being transmitted via telefacsimile to the United States Patent and Trademark Office, Fax Number 703/305-3014 on the date shown below.

Linda Aylward  
Linda Aylward

12/3/02  
Date

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